

Message

From: Tonnesen, Gail [Tonnesen.Gail@epa.gov]
Sent: 3/17/2014 4:13:07 PM
To: Brad Pierce - NOAA Federal [brad.pierce@noaa.gov]; Reddy - CDPHE, Patrick [patrick.reddy@state.co.us]
CC: Briggs, Kevin [Kevin.Briggs@state.co.us]; Payton, Richard [Payton.Richard@epa.gov]
Subject: RE: Possible stratospheric intrusion March 17 and 18 next week

Hi Brad,

This seems very timely - I'll send out a reminder for tomorrow's call, and if you have a PPT or weblink tomorrow morning, we can send that out to the group then.

Thanks,
Gail

From: Brad Pierce - NOAA Federal [mailto:brad.pierce@noaa.gov]
Sent: Monday, March 17, 2014 9:10 AM
To: Reddy - CDPHE, Patrick
Cc: Briggs, Kevin; Tonnesen, Gail; Payton, Richard
Subject: Re: Possible stratospheric intrusion March 17 and 18 next week

Pat,

I've attached the IDEA-I trajectory forecast from CrIS descending orbit measurements on 03/16 which show moderately high (>88ppbv) ozone descending over the 4-corners and SSW by this evening. I've also included the RAQMS O3/CO forecast which shows how this ozone is influenced by trans-pacific pollution transport. Not any significant signatures at the surface, but RAQMS is currently underestimating surface ozone in rural areas of the inter-mountain west.

Gail, I can summarize this event and the beta release of the IDEA-I trajectory forecast at the SI working group meeting if you would like.

Brad

On Fri, Mar 14, 2014 at 11:28 AM, Reddy - CDPHE, Patrick <patrick.reddy@state.co.us> wrote:
Greetings,

It looks like there might be an intrusion event from northern Nevada through northern Utah into southern Colorado on Monday March 17 through the morning of March 18. This might be a good event to look at with the new IDEA tool.

Pat

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Patrick J. Reddy

Senior Air Quality Meteorologist

Modeling, Meteorology, and Emissions Inventory Unit

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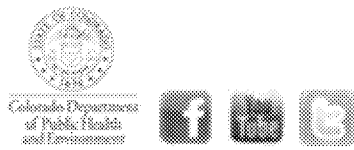
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